

CLEAN COPY OF CLAIMS

What we claim is:

3. The articulator tray of claim [1] 15 with indexing pins inserted into [the] said broadened areas of said opening.
4. The articulator tray of claim [1] 15 with a spine inserted into said opening.
7. The articulator of claim [6] 16 wherein said hinge means allow both horizontal and lateral movement [in the] at the hinge means.
8. The articulator of claim 7 wherein the hinge means is a ball joint.
10. The articulator tray of claim 15 wherein said tray has two openings with regularly spaced wider and narrower regions [having two opening].
11. The articulator tray of claim [1] 15 having projections for providing stability of a model on the tray on the superior surface of said tray.
15. An articulator tray having at least one opening with repeating broadened and narrowed regions in said opening wherein the broadened regions will accept pins or a spine for stabilization means.
16. An articulator tray having at least one opening with regularly spaced wider and narrower regions, said tray having two arms attached thereto wherein one arm is attached to a first half of a hinge means and a second arm attached to a second half of a hinge means configured such that said first half of said

hinge means is complimentary to said second half of said hinge means on one arm of an identical articulator tray.

17. An articulator tray having at least one opening with regularly spaced wider and narrower regions, said tray having indexing projections on the superior surface of said tray wherein the wherein said opening is broader at the superior surface of the tray, said opening having a seal at the bottom of said opening.
18. a method of making a model from an impression comprising the steps of:
 - 1) on a tray having at least one opening with regularly spaced wider and narrower regions, inserting at least two pins into at least two of the wider regions of said opening,
 - 2) loading stone onto said tray into which pins have been inserted,
 - 3) forcing said stone loaded onto said tray in step 2 against an impression, and then
 - 4) allowing said stone to harden.
19. A method of making a model from an impression comprising:
 - 1) on a tray having an opening with repeating broadened and narrowed regions in said opening, placing a spine in said opening,
 - 2) loading stone onto said tray with said spine inserted into said opening,
 - 3) forcing said stone loaded onto said tray in step 2 against

an impression, and then

4) allowing said stone to harden.

20. A method of making a model from an impression comprising:

1) sealing the bottom of an opening in a tray having repeating broadened and narrowed regions in said opening

2) forcing stone into said opening and onto tray superior surface of said tray against projections on superior surface of said tray,

3) allowing stone to partial harden,

4) forcing stone on said tray as prepared in steps 1, 2 and 3 against an impression, and

5) allowing stone to harden.